

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

and of work: Detailed Estimate Repair works to Existing Help point building and additional works at Hegadenagara in Ward No. 06 Byatarayanapura Sub Division

Estimate Cost Rs.							500000.00	
Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Dismantling tiles and stacking the material within a radius of 50 meters, No. 267/ Item No. 37.42.1 PWD SR 2016-17	Sqm							
Flooring tiles		1	6.00	3.70		22.20		
		1	3.70	2.40		8.88		
		0.5	2.10	1.80		1.89		
Wall Bothroom Tiles		2	1.50	2.10		6.30		
						39.27	346.68	13614.00
Basic Rate	321.00							
Area Weightage @ 6%	25.68							
Total	346.68							
Dismantling plastering and removing the debris with a lead upto 200m, No. 268/ Item No. 37.50 PWD SR 2016-17	Sqm							
		2	24.10	3.00		144.60		
						144.60	24.84	3592.00
Basic Rate	23.00							
Area Weightage @ 6%	1.84							
Total	24.84							
KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	cum							
Flooring tiles		1	6.00	3.70	0.15	3.33		
		1	3.70	2.40	0.15	1.33		
		0.5	2.10	1.80	0.10	0.19		
Flaging Concrete		2	8.00	0.90	0.15	2.16		
		2	7.00	0.90	0.15	1.89		
						8.90	5159.02	45920.00
Basic Rate	4867.00							
Area Weightage @ 6%	292.02							
Total	5159.02							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring with special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. Page No. 104/ Item No. 14.43 / PWD SR 2016-17	Sqm							
Flooring tiles		1	6.00	3.70		22.20		
		1	3.70	2.40		8.88		
		0.5	2.10	1.80		1.89		
						32.97	1261.40	41588.00
Basic Rate	1190.00							
Area Weightage @ 6%	71.40							
Total	1261.40							
KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 109/ Item No. 15.15/ PWD SR 2016-17	Sqm							
Inside		1	24.10		3.00	72.30		
						72.30		
Roling Shutter		1	1.50		2.40	3.60		
W		2	1.50		2.10	6.30		
W1		5	0.90		1.50	6.75		
V		2	0.90		0.60	1.08		
						17.73		
Blance Qty						54.57	258.64	14114.00
Basic Rate	244.00							
Area Weightage @ 6%	14.64							
Total	258.64							
KSRB 15.3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.18 / PWD SR 2016-17	Sqm							
Out Side		1	25.50		3.30	84.15		
						84.15	234.26	19713.00
Basic Rate	221.00							
Area Weightage @ 6%	13.26							
Total	234.26							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 110/ Item No. 15.21 PWD SR 2016-17	Sqm							
Ceiling Plasting		1	6.00	6.10		36.60		
						36.60	204.58	7488.00
Basic Rate	193.00							
Area Weightage @ 6%	11.58							
Total	204.58							
KSRB 15.3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry and Concerte Surface including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.18 / PWD SR 2014-15	Sqm							
RCC Roof		1	6.00	6.10		36.60		
						36.60	146.28	5354.00
Basic Rate	235.00							
Area Weightage @ 6%	14.10							
Total	249.10							
KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(ahy thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window	Cum							
Flaging Concrete		2	8.00	0.90	0.10	1.44		
		2	7.00	0.90	0.10	1.26		
Blance Qty						2.70	6371.66	17203.00
Basic Rate	6011.00							
Area Weightage @ 6%	360.66							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	6371.66							
	KCRB 15.15.3: Providing and applying painting in one coat with plastic emulsion paint of approved brand and manufacture on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. Page No.114/ Item No. 15.52 / PWD SR 2016-17	Sqm							
			Qty Vide Item No.4+6				91.17	47.70	4349.00
	Basic Rate	45.00							
	Area Weightage @ 6%	2.70							
	Total	47.70							
1	SKSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. Page No. 114/ Item No. 15.53.2 / PWD SR 2016-17	Sqm							
	Out side		Qty Vide Item No.5				84.15		
							84.15	89.04	7493.00
	Basic Rate	84.00							
	Area Weightage @ 6%	5.04							
	Total	89.04							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 7.15 : Providing, fabricating, assembling and fixing in position anodized aluminium partitions using aluminium sections of mat finish or glassy finish in combination of plain grove, single grove and double grove as per requirements for the frames of overall size 63.5mm x 38.1mm. with thickness of 2mm. having section weight, plain sections 1.05kg/m, single grove thickness 1.95mm. section weight 1.094kg/m, double grove thickness 1.9mm section weight 1.094kg/m and bottom member 114.3mm. x 44.45mm. thickness 3.18mm. weight 2.646 kg/m aluminium louvers section of size 36.5mm x 34.93mm 1.45mm. thick section weight 0.426kg/m; bottom portions provided with 12mm. thick pre-laminated sheet both sides of approved colour lamination exterior grade upto 0.9m height, spacing of vertical member not exceeding 0.6 m c.to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and riveted to the frames; the assembled frame stiffened with corner	Sqm							
		1	6.00		2.10	12.60		
		1	4.00		2.10	8.40		
Basic Rate	3486.00					21.00	3695.16	77598.00
Area Weightage @ 6%	209.16							
Total	3695.16							
3 Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications, No. 252/ Item No. 37.58 PWD SR 2016-17								
		1	1000.00			1000.00		
						1000.00	6.36	6360.00
Basic Rate	6.00							
Area Weightage @ 6%	0.36							
Total	6.36							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 11.11.3 : Providing and fixing white vitreous china clay, flat back wash basin of size 550x400mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit							
			1				1.00	3770.42	3770.00
	Basic Rate	3557.00							
	Area Weightage @ 6%	213.42							
	Total	3770.42							
5	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA For Building Front	Sqm							
			1	36.00	0.90		32.40		
							32.40	1856.67	60156.00
	Data Rate	1856.67							
6	Supply of wooden writing table of size 4'X2' one side cupboard one drawer including cost of all lead and lift loading and unloading and all other incidental charges etc., complete as per specification and direction of the Engineer-in-charge of work	No.							
			3				3.00	12100.00	36300.00
7	Supply of High Back revolving chair with Arms bottom revolving base fixing moving wheels with seat and back cushion neatly finishing cost of all lead and lift loading and unloading and all other incidental charges etc.	No.							
			2				2.00	13500.00	27000.00
8	Supply of visitor armed chair with seat and back cushion with seat and Rexion fixing standard size design no. D. 26# neatly finishing cost of all lead and lift loading and unloading and all other incidental charges etc.	No.							
			2				2.00	11250.00	22500.00

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Supply of good quality plastic chair (Normal) including cost of all lead and lift loading and unloading and all other incidental charges complete as per specification and direction of the Engineer-in-charge of the work	No.							
		30				30.00	585.00	17550.00
KPTCL Deposit charges	No's	1				1.00	14500.00	14500.00
						Grand Total		446162.00
For 12% GST								53539.00
Miscellaneous Charges	L/S							299.00
							Total	500000.00

CERTIFICATE

The work spot has been inspected and the work is found necessary.

This estimate is prepared as per PWD SR of 2016-17

This work comes under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer

Bruhat Bangalore Mahanagara Palike

Executive Engineer

Bruhat Bangalore Mahanagara Palike

ADMINISTRATIVE APPROVAL

Accorded For Rs. Five lakhs only

Head of A/c P-3292

Div. Ref. No. 50/18-19 Date 01/02/19

AE

EE(BTP)

TECHNICAL SECTION

Accorded For Rs. Five lakhs only

Head of A/c P-3292

Div. Ref. No. 80/18-19 Date 01/02/19

AE

EE(BTP)